

NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
IRRIGATION SYSTEM, SPRINKLER
(no. and acre)
CODE 442

SCOPE

This specification covers the installation of sprinkler irrigation systems. Construction shall be in accordance with the construction plans and these specifications.

INSTALLATION

Materials. All lateral lines, sprinklers, fittings, valves, and other system components shall be of the size, pressure rating, and type of material as specified on the plans.

Placement. Lateral lines, sprinklers, and other system components shall be installed to the lines, grades, and spacings as shown on the plans.

All joints and connections shall be made to withstand the design maximum working pressure for the system without leakage and shall leave the inside of the pipelines free of any obstructions that may tend to reduce the capacity below design requirements.

All fittings shall be installed in accordance with recommendations of the manufacturer.

CONSTRUCTION OPERATIONS

Construction operations shall be carried out in such a manner and sequence that erosion and air and water pollution are minimized and held within legal limits.

The owner, operator, contractor or other persons will conduct all work and operations in accordance with proper safety codes for the type of construction being performed with due regards to the safety of all persons and property.

SAFETY

Land owners or operators, sponsoring organizations, and contractors shall be liable for damage to utilities and damage resulting from disruption of service caused by construction activities. The Natural Resources Conservation Service makes no representation on the existence or non-existence of any utilities. Absence of utilities on the drawings is not assurance that no utilities are present at the site.

It is the responsibility of the land owner or operator to determine if there are buried or overhead utilities in the vicinity of the proposed work. They should take proper procedures to insure that the utilities shall not be jeopardized and that equipment operators and others will not be injured during construction operations.